Mahipal Singh

Senior Software Engineer

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I am a senior software engineer with nearly 4 years of experience in the Ed-tech and Fintech industries. I have a strong background as a developer and have a proven track record of delivering high-quality, efficient, and reliable code. I have developed an ed-tech product with CTO from scratch and now that product helps more than a million children daily. I am a team player and have excellent communication skills, making me an asset to any development team. I am excited to continue to grow my skills and take on new challenges as a senior software engineer.

Education

B.E. in Information Technology

MBM Engineering College, Jodhpur(Raj.)

08/2015 - 06/2019   CGPA: 7.07
4 Years

Skills

Soft Skills

- Public Speaking & Communication
- Team Builder, Leader & Decision Maker
- Take Responsibilities

Tech Skills

- **Core Languages**
  - C/C++   JavaScript ES6+
  - PHP 5 & 7+   SQL
- **Frameworks & Libraries**
  - NextJS   GraphQL
  - NodeJS   ExpressJS
  - Jest(Testing) PWA
  - D3 Library   Youtube Data API
  - Laravel   CakePHP & CI
- **Front-End**
  - HTML   CSS & SCSS
  - Javascript   AJAX
  - ReactJs   React Hook Form
  - TypeScript   Material UI
  - Chakra UI   Bootstrap
- **Databases**
  - MySQL   MongoDB

Work Experience

07/2020 - present
2 yrs 10 months
Full-Time

Rocket Learning

- **Senior Software Engineer**
  - **Period:** Apr/2022 - Present
  - **Tech:** ReactJs, NextJs, NodeJs, GraphQL, PWA, Laravel, MySQL, MongoDB
  - **Role:** Development, Tech Lead, Engineering Management, R&D
- **Software Engineer**
  - **Period:** July/2020 - Mar/2022
  - **Tech:** Laravel, ReactJs, NextJs, NodeJs, MySQL, D3 library, Youtube Data API
  - **Role:** Development, Enigneering Management, R&D

06/2019 - 05/2020
11 months
Full-Time

Skilrock Technology

- **Software Engineer Trainee**
  - **Period:** July/2019 - May/2020
  - **Tech:** CakePHP, Laravel, MySQL, JWT, WEBAPI
  - **Role:** Beginner, Development

06/2018 - 07/2018
02 months
Internship

Ascent Cyber Solution

- **PHP Developer**
  - **Period:** June/2018 - July/2018
  - **Tech:** CodeIgnitor, MySQL
  - **Role:** Intern, Development

06/2017 - 07/2017
02 months
Training

C-DAC

- **Trainee(Core Java)**
  - **Period:** June/2017 - July/2017
  - **Tech:** Core Java
  - **Role:** Trainee, Learning

Projects

02/2022 - present

PWA Games for 3 to 8 years children
Tech: ReactJS, React Hook Form, NextJs, TypeScript, GraphQL, MaterialUI, Framer, MongoDB.
Link: https://rocketlearning.app

08/2020 - present

Rocket Learning Platform
Tech: Laravel, ReactJS, HTML+CSS+JS, MySQL, Azure, D3 Library, Youtube Data API.
Link: https://lilyogis.in

03/2022 - 09/2022
7 months

E-commerce mobile app and web app
Tech: ReactJS, React Native, NestJs, MongoDB, Heroku, AWS
Link: github.com/Mahi0027/NearMart_mobile_app, github.com/Mahi0027/NearMart_backend

02/2022 - 02/2022
3 days

News Web App
Tech: ReactJS, web API
Link: github.com/Mahi0027/NewsWebApp

02/2022 - 02/2022 1 days	**Texts/Strings Manipulations Web App** Tech: ReactJS Link: github.com/Mahi0027/TextUtils
01/2022 - 02/2022 1 month	**DSA Learning Console Base App** Tech: C++, C++ Graphics Link: github.com/Mahi0027/DSA_learning_cpp
12/2017 - 05/2019 1 yrs 5 months	**College Web App** Tech: HTML, CSS, JS, Bootstrap, PHP 5, MySQL Link: mbm.ac.in
06/2017 - 07/2019 2 months	**Paint Software like Microsoft Paint** Tech: Core JAVA Link: github.com/Mahi0027/MS-Paint

Achievements

- I was the first member who joined Rocket Learning after CTO and built the current product from zero to one and gained more than a million users(parents) in nearly 1.5 years.
- Build complex features like fully customizable dashboards, youtube implementation in our product, dynamic certificate generates, and dynamic forms(same as Google form) in the current organization nearly single-handedly.
- Built PWA games modules for 3 to 8 years children and tracked children's learning records.
- Mentoring a few interns, new joiners, and juniors.
- Built a complete hybrid mobile application and web application for a new startup(currently not published).
- Part of many social organizations.
- Currently run small NGO to encourage rural children for education.
- A district cricket player from 2009-2011.
- Kho-kho school team captain from 2008-2010.
- 3rd rank at the state level in a science project in 2008.

Activities

- Directly involved in the product finalizing process in the current organization.
- Student Coordinator in Training and Placement Office(TPO) at MBM Engineering College.
- Head Coordinator in Webbed Club at MBM Engineering College.
- A Member of the Singing Club at MBM Engineering College.
- Participated in various chess, cricket & ramp-walk(winner) competitions and organized many events.

Interests

- Public Speaking.
- Meet and work with different people and try to learn different things.
- Always excited to manage different types of activities.
- Singing, Sports lover.
- Chess, Cricket, Badminton, Running, Cycling.
- Like reading books.